

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

183-01

SERIAL NO.

10/600,809

Keith C. Hong, et al.

FILING

June 20, 2003

GROUP

1762

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ET	RE 19,372	11/13/34	Walton	428	404	-
ET	RE 20,295	03/16/37	Fisher	428	145	-
ET	1,677,701	07/17/28	Alton	428	404	-
ET	2,001,448	05/14/35	Beasley	428	404	-
ET	2,142,540	01/03/39	Veazey	427	219	-
ET	2,379,358	06/26/45	Jewett	428	145	-
ET	2,695,851	11/30/54	Lodge	428	404	-
ET	2,898,232	08/04/59	Miller, et al.	427	219	-
ET	2,981,636	04/25/61	Lodge, et al.	428	404	-
ET	2,986,476	05/30/61	Larssen	427	219	-
ET	3,397,073	08/13/68	Fehner	428	405	-

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
ET	WO 96/07538	03/14/96	PCT	-	-		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

ET		"The Aging Process of Shingles" by Tyler Wierman, 4 pgs., date unknown. <a href="http://www.ag.ohio-state.edu/~ati_cons/257/tyler/1.htm">http://www.ag.ohio-state.edu/~ati_cons/257/tyler/1.htm</a> .
ET		Technical Bulletin Asphalt Roofing Manufacturers Association "Algae Discoloration of Roofs", Catalogue No. 217-RR-89, 1 pg., (Calverton, MD), May 1997.

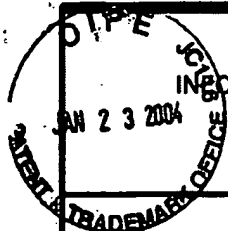
EXAMINER

ETsoy

DATE CONSIDERED

8/8/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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ET	3,479,201	11/18/69	Sloan	428	145	—
ET	3,507,676	04/21/70	McMahon	428	145	—
ET	3,752,696	08/14/73	Beyard, et al.	427	219	—
ET	3,932,143	01/13/76	Marshall, et al.	428	622	—
ET	3,945,945	03/23/76	Kiovsky, et al.	502	355	—
ET	3,985,540	10/12/76	Fein, et al.	504	152	—
ET	4,092,441	05/30/78	Meyer, et al.	427	453	—
ET	4,631,267	12/23/86	Lachman, et al.	504	152	—
ET	4,920,090	04/24/90	Ritter, et al.	427	453	—
ET	5,039,311	08/13/91	Bloecher	502	439	—
ET	5,052,162	10/01/91	Bush, et al.	525	518	—

## FOREIGN PATENT DOCUMENTS

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						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

ET		Copper Development Association Inc., "Copper Blocks Ugly Bugs", 2 pgs., Winter 1995.
ET		Johns Manville Roofing Systems Group, "Roofing Granules" Sheet ID: 3004, 6 pgs., (Denver, CO), Issued January 11, 2001.

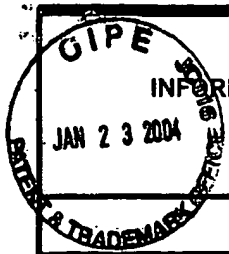
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ET	5,147,686	09/15/92	Ichimura, et al.	427	217	—
ET	5,356,664	10/18/94	Narayan, et al.	427	186	—
ET	5,362,566	11/08/94	George, et al.	427	186	—
ET	5,366,767	11/22/94	Howard	427	294	—
ET	5,411,803	05/02/95	George, et al.	428	403	—
ET	5,599,586	02/04/97	Israel	427	299	—
ET	5,733,842	03/31/98	Gerdes, et al.	502	439	—
ET	5,975,988	11/02/99	Christianson	451	28	—
ET	6,063,849	05/16/00	Morris, et al.	524	432	—
ET	6,120,913	09/19/00	Kluttz, et al.	428	521	—
ET	6,214,466	04/10/01	Joedicke	428	404	—

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	- CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

ET		Minerals Research & Recovery, Inc., "Roofing Granules", 2 pgs., (Tucson, AZ), date unknown.

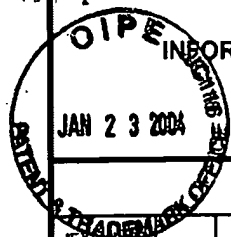
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PRIORITY NO.

183-01

SERIAL NO.

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FILING

June 20, 2003

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ET	6,235,372	05/22/01	Joedicke	428	145	—
ET	6,238,794	05/29/01	Beesley, et al.	428	403	—
ET	6,245,381	06/12/01	Israel	427	186	—
ET	6,495,074	12/17/02	Carr	264	36.18	—
ET	6,521,004	02/18/03	Culler, et al.	51	298	—
ET	U.S. 2002/0095871	07/25/02	McArdle, et al.	51	298	—
ET	U.S. 2002/0098110	07/25/02	Graham, et al.	428	28	—
ET	U.S. 2002/0160151	10/31/02	Pinault, et al.	428	144	—
ET	U.S. 2003/0037698	02/27/03	Kiik, et al.	106	15.05	—
ET	U.S. 2003/0068469	04/10/03	Aschenbeck, et al.	428	150	—
ET	U.S. 2003/0108668	06/12/03	Joekicke	427	212	—

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

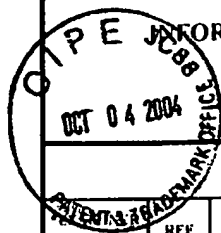

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8/8/05

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8/5/05

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INFORMATION DISCLOSURE CITATION  
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Docket Number (Optional) 183-01	Application Number 10/600,809
Applicant(s) Keith C. Hong, et al.	
Filing Date June 20, 2003	Group Art Unit 1762

U.S. PATENT DOCUMENTS

INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ET		2004/0110639 A1	06/10/04	Joedicke	504	151	—

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER ETsoy	DATE CONSIDERED 8/8/05
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